(a) whether there is any case of under cutting of price of cast iron spun pipes by IISCO; and

(b) if so, the details thereof and the remedial steps proposed to be taken to check this practice?

THE MINISTER OF STATE OF THE MINISTRY OF STEEL (SHRI SONTOSH MOHAN DEV): (a) The prices of cast lorn spun pipes of IISCO are not controlled. IISCO fixes its prices keeping its liegitimate commercial interests in view. Government are not aware of any specific case of under cutting of prices of cast Iron spun pipes by IISCO.

(b) does not arise.

Inter-State Multi-Purpose Projects

5165 SHRI GOPI NATH GAJAPATHI: Will the Minister of WATER RESOURCES be pleased to state:

(a) the details and the reasons for increasing in the cost of inter-State Multipurpose projects against the onginal estimated cost;

(b) the steps taken by the Union government to reduce the gap between the original estimates and the escalated cost; and

(c) the details of steps taken by the Government to expedite the implementation of these projects as originally planned?

THE MINISTER OF WATER RESOURCES (SHRI VIDYACHARAN SHUKLA): (a) the details and reasons for increase in costs of river valley projects are inadequate allocation of funds by the beneficiary States, inadequate investigations at the time of formulation of the projects leading to major changes in designs during construction, inadequate provisions in the original estimate for land acquisition, rehabilitation and resettlement, environmental safeguards, canal works and shortage of essential construction materials such as cement, steel and explosives.

(b) and (c). the strategy adopted in the Eighth Plan is to priorities the on-going projects for allocation of funds. Also, the Planning Commission has decided to rigorously follow earmarking of funds for the projects.

Utilisation of Solar Energy

5166. SHRIGANGADHRA SANIPALLI: Will the Minister of POWER AND NON-CONVENTIONA ENERGY SOURCES be pleased to state:

(a) the quantum of comsolar energy being utilised by the country;

(b) whether existing technology is enough to utilise the Solar Energy to the fullest possible extent;

(c) if not, the other steps the Government propose to take to encourage the development of Solar Energy system;

(d) the extent of its utilisation in Andhra Pradesh; and

(e) if so, details thereof district-wise?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENEGRY SOURCES (SHRI KALP NATH RAI): (a) Solar Energy is being utilized thorough two different routes in the country, viz (i) photovo-ltaic route and (ii) solar thermal route. In the first case solar energy is directly converted into electricity using solar photovotaic cells. In the second case Solar Energy is converted into heat energy which is further used for variety of applications such as cooking, heating of

water & air, drying of different materials, generation of power, The systems installed under these two programmes are listed in statements|& II.

(b) and (c). Many technologies for harnessing Solar Energy are still in the developmental stage. Research programmes are being funded to various research organistations such as national Laboratories, Universities, IITs, Public Sector organisations, to develop new technologies for utilising Solar Energy.

(d) and (e). The details of the solar systems installed in Andhra Pradesh are listed in Statements III & IV.

STATEMENT-I

State-wise Achievement of Solar Thermal Systems

(Cumulative upto 31.12.1991)

Sl. No.	State/UT	ISWH (No.)	DSWH (No.)	SAH (No.)	STK (No.)	SDS (No.)	Solar cookers (No.)
1	2	3	4	5	6	7	8
1.	Andhra Pradesh	91	70	1	2	486	409
2.	Assam	46	-	3	-	56	-
3.	Arunachal Pradesh	43	-	1	1	20	-
4.	Andaman & Nicobar	18	-	-	-	-	38
5.	Bihar	51	-	-	-	-	-
6.	Chandigarh	35	-	-	-	-	568
7.	Delhi	387	650	1	4	1604	18243
8.	Goa	41	2	-	-	-	794
9.	Gujarat	1376	4390	7	16	4800	20512
10.	Haryana	116	33	-	1	120	2647
11.	Himachal Pradesh	70	19	-	2	-	7675

Sl. No.	State/UT	ISWH (No.)	DSWH (No.)	SAH (No.)	STK (No.)	SDS (No.)	Solar cookers (No.)
1	2	3	4	5	6	7	8
12.	Jammu & Kashmir	72	43	-	-	70	-
13.	Karnataka	142	765	1	2	-	-
14.	Kerala	28	9	1	-	10	149
15	Manipur	3	12	-	-	-	200
16.	Meghalaya	37	2	-	-	-	732
17.	Maharashtra	240	85	-	-	145	31777
18.	Madhya Pradesh	199	50	2	1	300	67455
19	Nagaland	13	-	-	-	-	-
20.	Mizoram	1	-	-	-	-	70
21.	Punjab	146	82	1	2	122	4133
22.	Orissa	85	-	2	-	398	779
23.	Rajasthan	176	20	-	-	-	24192
24.	Sikkim	24	9	-		-	20

Sl. No.	State/UT	ISWH (No.)	DSWH (No.)	SAH (No.)	STK (No.)	SDS (No.)	Solar cookers (No.)
1	2	3	4	5	6	7	8
25.	Tamil Nadu	203	1092	2	-	-	1174
26.	Tripura	4	-	-	-	25	-
27.	Uttar Pradesh	533	66	25	18	498	17381
28.	West Bengal	74	1	5	1	75	2271
29.	Pondicherry	20	-	-	-	20	-
30.	Dadar & Nagar Haveli	3	-	-	-	2	81
31.	CPWD	5	-	-	-	-	-
32.	Railways	16	-	-	-	-	328
		4300	7400	52	50	9100	2,01,300

ISWH - Industrial Solar Water Heating System

DSWH- Domestic Solar Water Heating System

SAH - Solar Air Heating/Crop Drying System

SDH - Solar Distillation System

STH - Solar Timber Kiln.

STATEMENT II

State-wise Achievements of Solar Photovoltaic Systems (Cumulative upto 31.12.1991)

S. No.	State/UTs	Community Lighting TV systems	Water Pumping systems	Village covered with St. lights	SPV Power plants
1.	2	3	4	5	6
1.	Andhra Pradesh	6	61	3140	2
2.	Arunachal Pradesh	14	14	30	1
3.	Assam	-	69	20	-
4.	Bihar	103	94	177	-
5.	Goa	4	2	4	2
6.	Gujarat	51	98	374	1
7.	Haryana	42	8	2	-
8.	Himachal Pradesh	9	10	160	-
9.	Jammu & Kashmir	3	3	13	-
10.	Karnataka	2	8	95	1
11.	Kerala	11	6	93	1
12.	Madhya Pradesh	64	93	400	3

S. No.	State/UTs	Community Lighting TV systems	Water Pumping systems	Village covered with St. lights	SPV Power plants
1.	2	3	4	5	6
13.	Maharashtra	64	92	1306	5
14.	Manipur	-	2	30	1
15.	Meghalaya	-	25	25	-
16.	Mizoram	1	7	41	-
17.	Nagaland	3	15	38	4
18.	Orissa	36	65	478	-
19.	Punjab	43	5	2	-
20.	Rajasthan	110	86	707	-
21.	Sikkim	3	2	28	-
22.	Tamil Nadu	18	31	173	5
23.	Tripura	122	13	52	25
24.	Uttar Pradesh	205	74	305	2
25.	West Bengal	1	39	200	3

S. No.	State/UTs	Community Lighting TV systems	Water Pumping systems	Village covered with St. lights	SPV Power plants
1.	2	3	4	5	6
26	Andaman & Nicobar Islands	12	24	149	-
27	Chandigarh	-	-	-	-
28	Dadar & Nagar Haveli	-	-	4	1
29.	Daman & Diu	9	25	4	1
30	Delhi	2	-	-	-
31.	Pondicherry	-	-	-	-
	Total	938	1181	8050	59

STATEMENT III

Solar Thermal Systems Installed in Andhra Pradesh

S. No.	Location of the system	No . of systems capacity in LPD/C.
1.	Nature cure Hospital Hyderabad	1 x 1000/60°C
2.	New MLA Hostel, Hyderabad	1 x 5000 /"
3.	Defence Electronics Research Labs, Hyderabad.	1 x 1500/"
4.	Indian Airlines, Hyderabad	1 x 1000/70°C
5.	Administrative Staff College of India, Hyderabad	1 x 1000/"
6.	Director of Rice Research, Hyderabad	1 x 1000/60°C
7.	College of Bursing Hostel, Hyderabad	1 x 1500/"
8.	National Institute of Nutrition, Hyderabad.	1 x 2000/"
9.	ICRISAT, Hyderabad.	1 x 2000/"
10.	Osmania University Guest House, Hyderabad	1 x 2000/"
11.	APAU, Ladies Hostel, Hyderabad	1 x 3000/"
12.	Hyderabad Public School, Hyderabad	1 x 3000/"
13.	Regional Research Laboratories, Hyderabad	1 x 3000/"
14.	Sri Satya Sai Boys Hostel	1 x 10000/"

S No	Location of the system	No of systems capacity in LPD/C.
15	Sri Satya Sai Primary School Puttaparathi Ananthapur Dist	1 x 10000/"
16	TTD Cottages Tirumala	2 x 400/"
17	R & B Guest House Cuddapah	1 x 400/"
18	HMT Hyderabad	1 x 5000/70°C
19	Pendekanti Public School Nandyal, Kurnool Dist	1 x 7500/60°C
	TTD Chowltry No 3 Tirumala	1 x 10000/"
21	Lake View Guest House, Hyderabad	1 x 3000/"
22	University of Hyderabad	1 x 5000/"
23	Venkateswar University Girls Hostel, Tirupati	1 x 5000/"
24	Nagarjuna University, Guntur	3 x 2000/"
25	DMRL Hyderabad	2 x 2000/"
26	DMRL Hyderabad	1 x 1000/"
27	Raj Bhavan, Hyderabad	1 x 1000/"
28	Siva Sivani Public School, Hyderabad	1 x 3000/"
29	S E (Irrigation) Srisailam	1 x 2000/60°C

S. No.	Location of the system	No . of systems capacity in LPD/C.
30.	APSRTC work Shop Cantten, Vijayawada	1 x 1000/"
31.	APSRTC work Shop Cantten, Uppal	1 x 1000/"
32.	APSRTC Work Shop Cantten, Taranaka	1 x 1000/"
33.	APSRTC Works Shop Cantten, Cuddapah	1 x 1000/"
34.	Hotel Chandragin, Tandur, R.R Dist	1 x 500/"
35	Commandant, MCEME 1, Secunderabad	1 x 500/"
36	EME Centre 3rd Trg. BN, Secounderabad	3 x 500/"
37.	TBMPP, Ananthapur Nizamabad & Tuntur	3 x 1000/"
38.	SBI ICM Hyderabad	1 x 6000/"
39.	ECIL-1 Hyderabad	1 x 5000/"
40.	ECIL -2 , Hyderabad	1 x 5000/80°C
41.	DRDO Complex, Hyderabad	4 x 1000/60°C
42	DRDO Complex, Hyderabad	2 x 500/" 2x1000/"
43	Singareni Collieries, Phase-I, Kothagudem, Khammam Dist,	2 x 500/"
44	S. Kumara Vellu, Hyderabad	1 x 500/"
45.	Indian Immunologicals, Hyderabad	1 x 5000/80°C

S. No	Location of the system	No of systems capacity in LPD/C.
46.	Annavaram Devastanam , East Godavari	4 x 1000/60°C
47.	Annavaram Devastanam East Godavari	2 x 1000/"
48.	DIAVGMC, Tirumala	1 x 10000/"
49.	Deccam/'amtatopm (Pvt.) Ltd Anandnagar, Nizamabad	1 x 500/"
58.	NIMS Hyderabad	2 x 2000/"
51	Saptagiri Real Eastates (Pvt), Ltd Hyderabad	1 x 3000/"
58.	Loyala Academy, Secunderabad	1 x 1000/"
53.	Singareni Collenes Phase-II, Adilabad & Karimnagar	1 x 2000/"
54.	Singareni Colleries Phase II	3 x 1000/"
55.	Kothagudem, Khammam Dist	1 x 2000/"
56.	Govardhan Chowltry-1, TTD, Tirumala	1 x 10000/"
57.	Saptagiri Satralu, Block-II, TTD	1 x 5000/"
58	MCEME II Secunderabad	1 x 500/"
59	BEL, Machilipatnam, Krishna dist	1 x 3000/"
60	Pinakini Bevarages, Nellore	1 x 5000/80° C

S. No.	Location of the system	No . of systems capacity in LPD/C.
61.	Kalyana Kotta chowltry, I, TTD	1 x 5000/8°C
62.	Kalyana Kotta chowltry II, TTD	1 x 5000/"
63.	Hindustan cables Ltd Hyderabad	1 x 5000/"
64.	Hindustan Aeronatutics, Hyderabad	1 x 5000/60°C
65	JNTU CE Hostel, Kukatpally Hyderabad	1 x 2000/"
66	Saptagiri Satra'u Block II TTD	1 x 5000/"
67.	Ordinance Factory Medak dist	5x500/"
68	SC Residential school	7 x 500/"
69	Silk realing unit, Sarpavaram, EG	1 X 500/80°c
70	GFCL, Kakinada, EG dist	1 x 1000/60°c
71	Asian Paints (Pvt) Ltd Patancheru Medak dist	1 x 1000/80°C
72	Hotel Bhimas, Tirupati	1 x 1500 60°C
73	Centre for Organisational Development, Hyderabad	3 x 500/"
74	Decan Leather Ltd , Hyderabad	1 x 6000/"
75	Surjeet Kaur, Secunderabad	1 x 500 /"

S No	Location of the system	No of systems capacity in LPD/C.
76	Swapna Nursing Home Hyderabad	1 x 1500/"
77	Hotel Jaya International Hyderabad	2 x 3000/"
78	Regional Engg College Warrangal	1 x 500/"
79	Ordanance Factory Meddumailaram	5 x 500/"
80	Donchi Solar Water Heaters	118 x100/"
81	Solar Air Heaters	2 Nos
82	Solar Timber Kilns	2 Nos/
83	Solar Distillation units	486 units

STATMENT IV

District-wise break up of solar photovoltaic systems installed in Andhra Pradesh

S. NO.	*District*	*SLS*	*CTV/SLS*	*Small Power Plan*
1	*2*	*3*	*4*	*5*
1.	Srikakulam	3	-	-
2.	Vizayanagram	100	-	-
3.	Visakhapatnam	2196	-	-
4	East Godawari	176	-	-
5.	West Godawan	10	1	-
6.	Prakasam	34	-	-
7	Nellore	15	-	-
8.	cuddapah	7	-	-
9.	Kurnool	7	-	-
10.	Mahaboobnagar	2	-	-
11.	Madak	-	1	1(7KWp)
12.	adilabad	138	-	
13	Karimnagar	9	-	-
14	Warangal	29	-	-
15.	Khammam	92	-	-
16	Nalgonda	5	-	-
17.	Ranga Reddy	35	2	-
18.	Hyderabad	-	-	1(5KWp)

SLS-Street lighting systems

CTV-Colour Televsion.

CLW-Community lighting systems

In addition to the above 760 P.V solar water pumping systems and 65 P.V. domestic lighting systems are also installed in the State.

[*Translation*]

Government Advertisements for Newspapers Poblished in Bihar

5167. SHRI LALIT ORAON: Will the Minister of INFORMATION AND BROADCASTING be pleased to state:

(a) the names of the dailies, weeklies, fortnightlies and monthlies published from Bihar which have been found suitable for giving advertisements by D.A. V.P.; and

(b) the names of the dailies, weeklies, fortnightlies and monthlies of Bihar given advertisements by D.A.V.P during the last three years and the amount thereof?

THE DEPUTY MINISTER IN THE MINISTRY OF INFORMATION AND BRODCASTING (KUMARI GIRIJA VYAS): (a) and (b). There are a very large number of dailies, weeklies, fortnightlies and monthlies published from Bihar which have been found suitable for giving advertsements by D A V.P. over the years. The list containing names of publications from Bihar which have been currently found suitable for giving advertisements and those which have been have been given advertisements during the last three years is placed in the Library of the Parliament House.

During the last three years, advertisements for a total value of Rs. 115,13,747.76 were issued to publications form Bihar.

[*English*]

Violation of Letter of Intent by Pepsi Foods

5168. SHRI DHARMA PAL SINGH MALIK: Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state

(a) whether Pepsi Foods is netting their obligations in terms of letter of intent and if not, the reasons therefor;

(b) whether letter of intent has not been converted into an Industrial License due to the above reasons;

(c) whether Government propose to enforce the conditions of letter of intent as open decision of the international committee meeting held recently;

(d) if so, the details thereof; and

(e) the steps the Government have taken to ensure that interpretation of the conditions does not get violated ?

THE MINISTER OF STATE IN THE MINISTRY OF FOOD PROCESSING INDUSTRIES (SHRI GIRIDHAR GOMANGO) (a) The issue of export obligation of M/s. Pepsi Foods ltd in terms of the legal Agreement with the office of the Chief Controller of Imports & Exports is under examination in the CCI&E which is a quasi-judicial body

(b) As per the Notification No.8/2/85-LP dated 18 3.1985, the non-FERA non-MRTP Companies stood exempted from the requirement of obtaining industrial license for manufacture of processed foods. However, M/s. Punjab Agro Industries Corporation Ltd., had applied for industrial license for their joint venture by way of abundant caution and a Letter of Intent was issued to them. The letter of intent was not converted to Industrial License as it was felt that the Company is yet to fulfill conditions of letter of intent. As per press Note No. 9 of 1991, the pending applications for conversion of Letter of Intent into Industrial Incenses for items not convenned under compulsory licence are not to be processed further.